Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S45	119	(Shibata-Soichi or Kusakabe-Hiroki or Hatoh-Kazuhito or Hase-Nobuhiro or Takeguchi-Shinsuke or Ohara-Hideo or Matsumoto-Toshihiro or Kokawa-Katsuzou or Urata-Takayuk).in.	US-PGPUB; USPAT	OR	ON	2005/04/04 15:28
S46	90	((Shibata-Soichi or Kusakabe-Hiroki or Hatoh-Kazuhito or Hase-Nobuhiro or Takeguchi-Shinsuke or Ohara-Hideo or Matsumoto-Toshihiro or Kokawa-Katsuzou or Urata-Takayuk).in.) and ((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell))	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14
S47	1098	429/40.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14
S49	1449	429/30.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14
S50	57174	(((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S51	1752	(((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and ((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S52	70	((((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and ((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor))).clm.) and ((Shibata-Soichi or Kusakabe-Hiroki or Hatoh-Kazuhito or Hase-Nobuhiro or Takeguchi-Shinsuke or Ohara-Hideo or Matsumoto-Toshihiro or Kokawa-Katsuzou or Urata-Takayuk).in.)	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14

S53	69761	(gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:05
S54	17290	((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and ((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S55	157547	(fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S56	17290	((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) and ((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:07
S57	1354	((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) and ((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S58	375525	gas adj3 (channel or flow or passageway or stream or passage or conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14

S59	783	(((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) and ((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)))) and (gas adj3 (channel or flow or passageway or stream or passage or conduit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S60	134	((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S61	85	(((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) and (porosity or porousness or porous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S62	2004	429/34.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14
S63	13	429/40.ccls. and 429/41.ccls. and 429/30.ccls. and 429/34.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/29 09:14
S64	3	(protrude or protruding or project or projecting or ((extend or extending) adj (in or into)) or jut or jutting) and (429/40.ccls. and 429/41.ccls. and 429/30.ccls. and 429/34.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:08

| S65 | 11 | (protrude or protruding or project or projecting or ((extend or extending) adj (in or into)) or jut or jutting) and ((((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) and (porosity or porousness or porous)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 09:14 |
| S66 | 102 | ("4776943" "4773376" "4957705" "5368713" "4485739" "5791139" "6264738" "4611752" "4822466" "4902422" "5236758" "5389420" "6001665" "4272330" "5298235" "5686198" "5722238" "6120924" "6692855" "4022870" "4272329" "4381224" "4597777" "4761515" "5296112" "5580440" "5937633" "6299433" "6303098" "6395675" "6586127" "6602324" "4774152" "4818640" "4861261" RE34541 "4579789" "4855092" "5443711" "5529648" "5538612" "5567141" "5758587" "5849254" "5894013" "6007688" "6210641" "6210641" "4317867" "4354468").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 09:14 |

S67	49	(((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) not ((((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) and (porosity or porousness or porous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S68	6	(("6740443") or ("6383676") or ("6566002") or ("6492054") or ("6329094") or ("6180274")).PN.	USPAT; USOCR	OR	OFF	2005/03/29 09:14
S69	7	"6309769".URPN.	USPAT	OR	ON	2005/03/29 09:14
S70	11	("4910099" | "5028498" | "5183713" | "5208207" | "5211984" | "5271916" | "5330727" | "5786026" | "5922487" | "5922488" | "6007934").PN.	USPAT	OR	ON	2005/03/29 09:14
S71	0	"20040157111".URPN.	USPAT	OR	ON	2005/03/29 09:14
S72	0	"20040157111".URPN.	USPAT	OR	ON	2005/03/29 09:14
S73	7	("258381" or "724606" or "724713" or "725339" or "725215").ap.	US-PGPUB	OR	ON	2005/03/29 09:14
S74	20054	(rib or landing) with width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S75	142	((rib or landing) with width) same (gas adj3 (channel or flow or passageway or stream or passage or conduit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S76	0	"20040110056".URPN.	USPAT	OR	ON	2005/03/29 09:14

S77	0	"2004192985".URPN.	USPAT	OR	ON	2005/03/29 09:14
S78	51	"4175165".URPN.	USPAT	OR	ON	2005/03/29 09:14
S79	1	"4175165".URPN. and ((rib or landing) with width)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:14
S80	4	("3012086" | "3134696" | "3188242" | "3497389").PN.	USPAT	OR	ON	2005/03/29 09:14
S81	0	"20030003345".URPN.	USPAT	OR	ON	2005/03/29 09:14
S82	0	"20030211376".URPN.	USPAT	OR	ON	2005/03/29 09:14
S83	0	"20030152819".URPN.	USPAT	OR	ON	2005/03/29 09:14
S84	1	"6770396".URPN.	USPAT	OR	ON	2005/03/29 09:14
S85	2	("6190793" | "6270917" | "2002/0182470").PN.	USPAT	OR	ON	2005/03/29 09:14
S86	0	("2003/0211376").URPN.	USPAT	OR	ON	2005/03/29 10:00
S87	111220	((gas or fluid) adj2 diffusion adj2 (layer or sheet or substrate)) or (diffusion adj (layer or sheet or substrate)) or (sheet adj support) or diffuser or gdl or fdl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:06
S88	4180	S55 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:08
S89	145	S55 and (S87 same (protrud$4 or project$4 or ((exten$4) adj2 (in or into)) or jut$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 10:10
S90	1201	(429/44).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/04 15:28
S91	852099	porous$4 or porosit$3 or permeable or permeabilit$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:29
S92	916	S90 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:47
S93	453	429/41.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/04 15:43

S94	157869	(fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:45
S95	86	(((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) and (porosity or porousness or porous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:45
S96	102	("4776943" "4773376" "4957705" "5368713" "4485739" "5791139" "6264738" "4611752" "4822466" "4902422" "5236758" "5389420" "6001665" "4272330" "5298235" "5686198" "5722238" "6120924" "6692855" "4022870" "4272329" "4381224" "4597777" "4761515" "5296112" "5580440" "5937633" "6299433" "6303098" "6395675" "6586127" "6602324" "4774152" "4818640" "4861261" RE34541 "4579789" "4855092" "5443711" "5529648" "5538612" "5567141" "5758587" "5849254" "5894013" "6007688" "6210641" "6210641" "4317867" "4354468").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:45

S97	50	(((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) not ((((fuel adj cell) or FC or (electrochemical adj cell) or (fuel-cell)) and (((((polymer adj electrolyte) or (polyelectrolyte)) adj membrane) or (polymer$2 adj electrolyte) or (polyelectrolyte) or (solid adj electrolyte) or (ion adj conductor) or (ionic adj conductor)) same ((gas adj diffusion adj layer) or (diffusion adj substrate) or (sheet adj support) or diffuser) same (gas adj3 (channel or flow or passageway or stream or passage or conduit)))) and (porosity or porousness or porous))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:45
S98	111343	((gas or fluid) adj2 diffusion adj2 (layer or sheet or substrate)) or (diffusion adj (layer or sheet or substrate)) or (sheet adj support) or diffuser or gdl or fdl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:45
S99	147	S94 and (S98 same (protrud$4 or project$4 or ((exten$4) adj2 (in or into)) or jut$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:25
S100	704	S92 not (S93 or S99 or S96 or S97 or S95)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 15:46
S101	217	S90 and (S91 with S98)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 16:22
S102	852394	porous$4 or porosit$3 or permeable or permeabilit$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:25

S103	111403	((gas or fluid) adj2 diffusion adj2 (layer or sheet or substrate)) or (diffusion adj (layer or sheet or substrate)) or (sheet adj support) or diffuser or gdl or fdl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:25
S104	4839	S103 same S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:26
S105	2806218	per$cent or "%" or percentage or ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:29
S106	156	S103 same (S102 with S105)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/05 07:30